

**METHOD OF MAKING MICROENCAPSULATED DNA FOR  
VACCINATION AND GENE THERAPY**

**ABSTRACT**

5 A method of making a microparticle that contains DNA coding for a polypeptide is  
described in which a solvent extraction method is used and solvent extraction takes  
place at elevated temperature. Oral administration of the microparticle leads to its  
expression. DNA coding for an immunogen is for stimulating antibody formation  
in a recipient and DNA coding for a non-immunogenic polypeptide is for gene  
therapy applications. DNA is incorporated into the microparticle without  
10 destruction of its function.

[Fig. 5]

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